

FIG. 1A

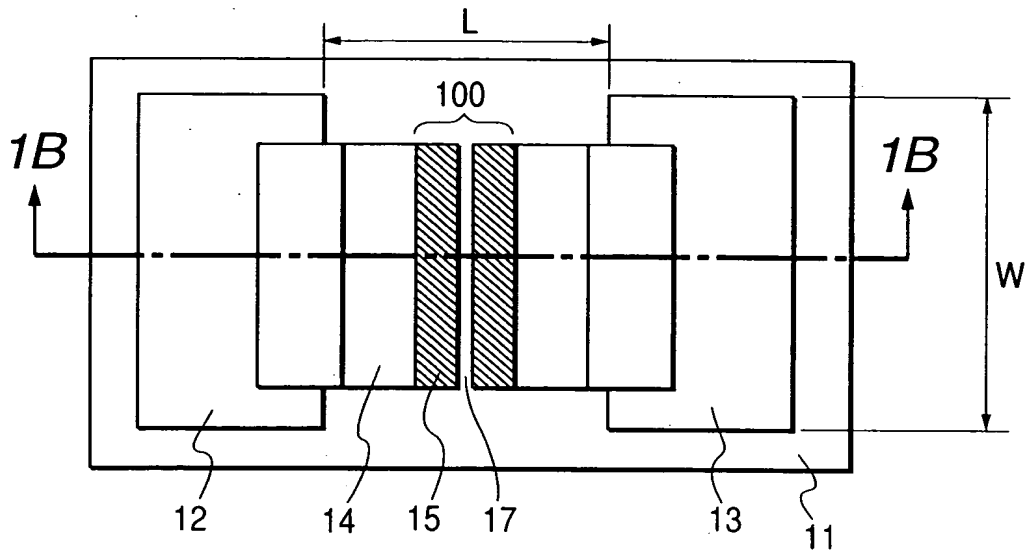
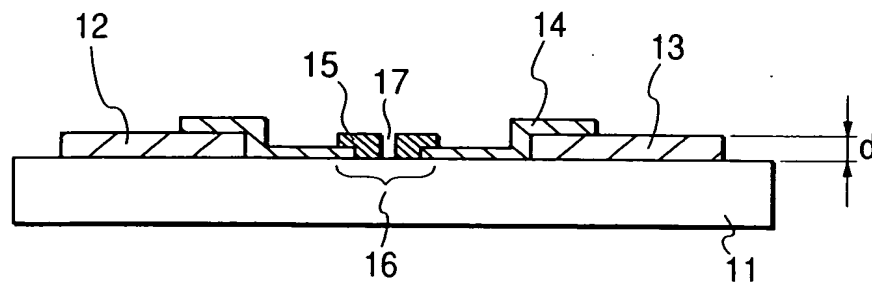


FIG. 1B



45

FIG. 2A

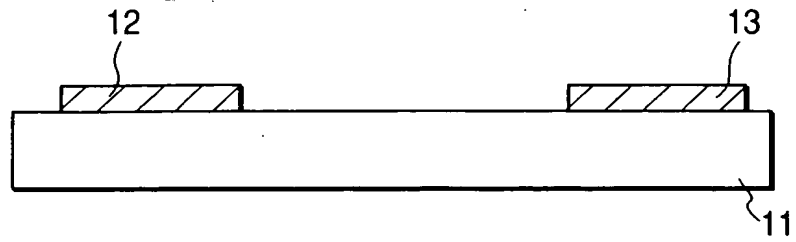


FIG. 2B

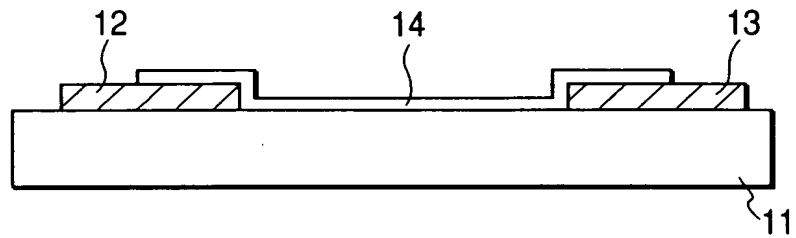


FIG. 2C

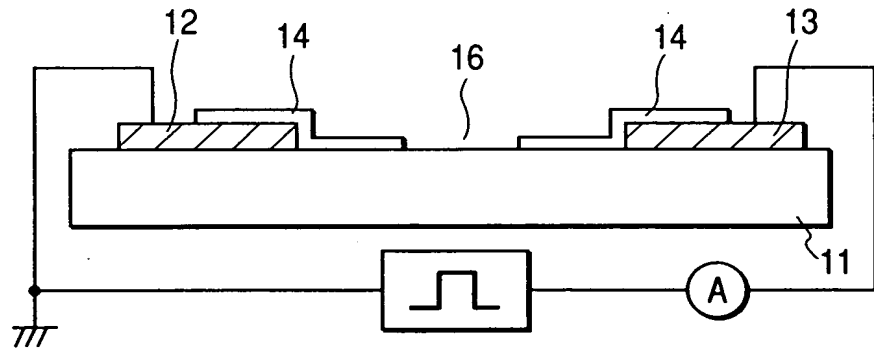


FIG. 2D

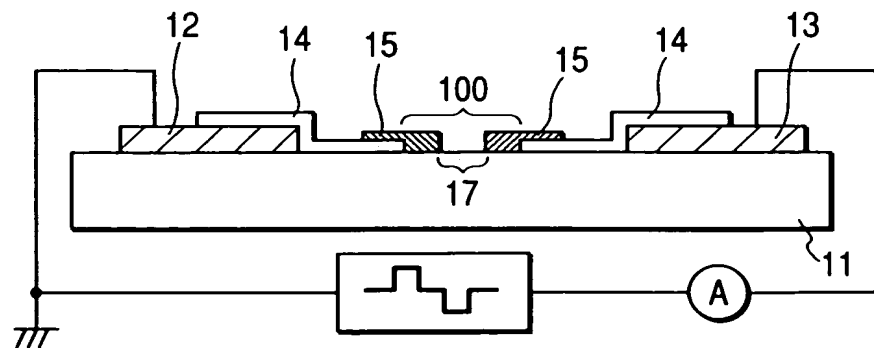


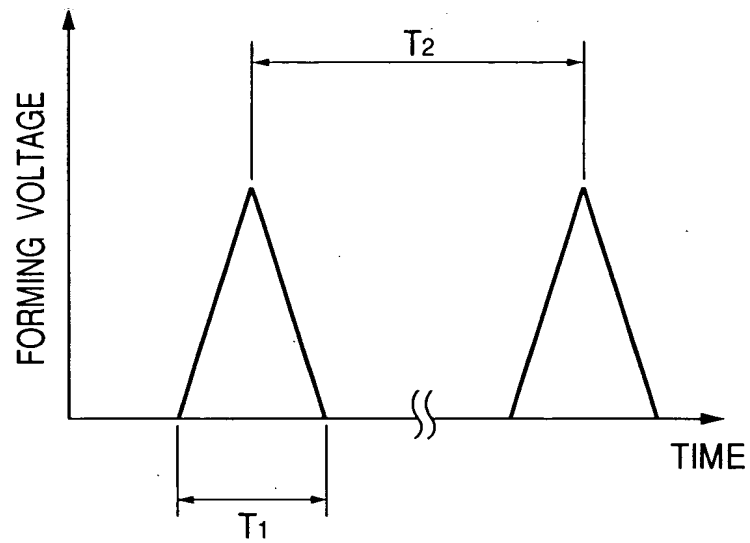
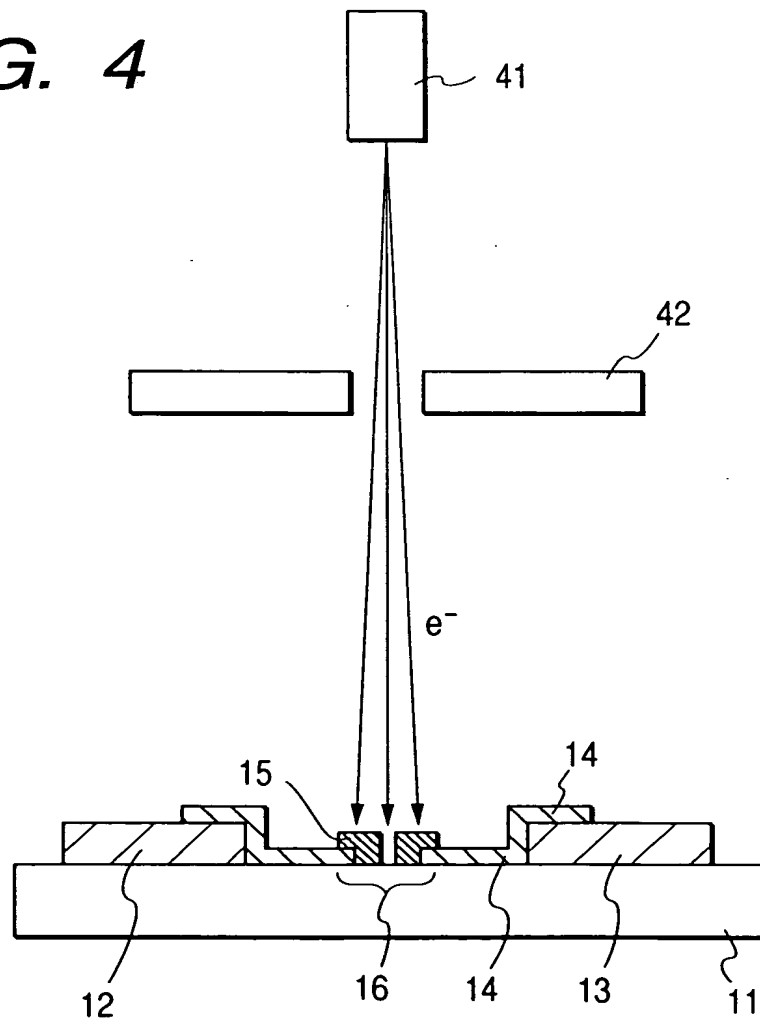
FIG. 3**FIG. 4**

FIG. 5

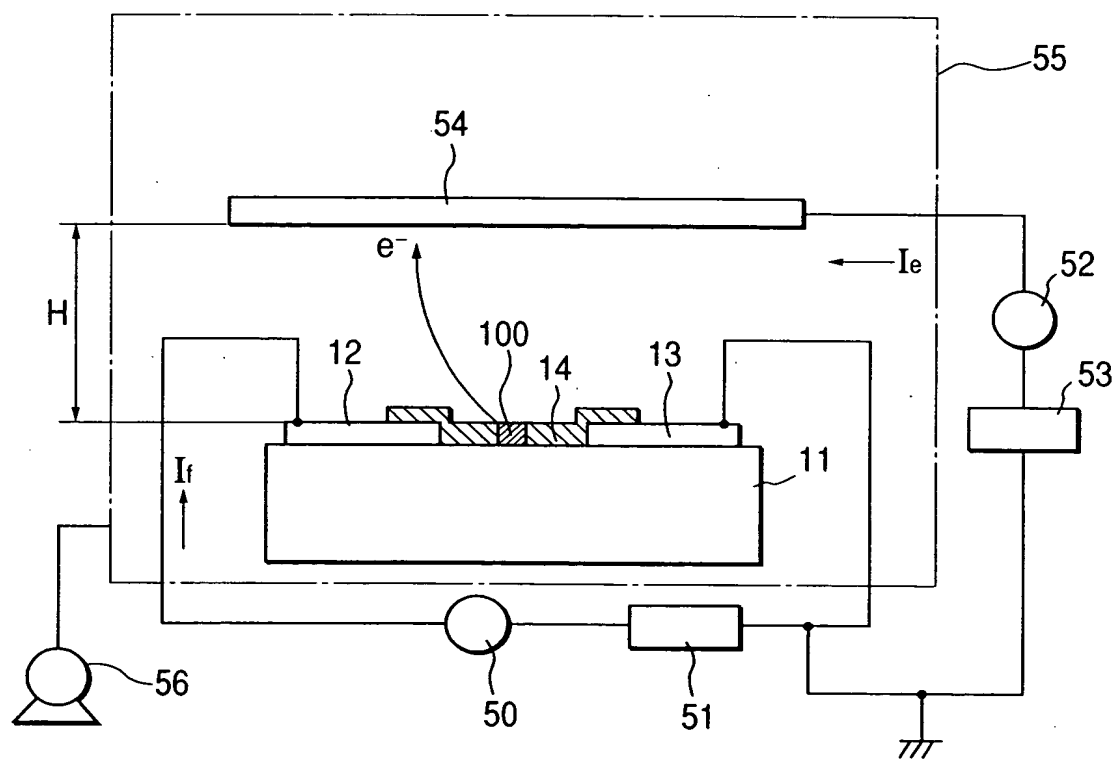


FIG. 6

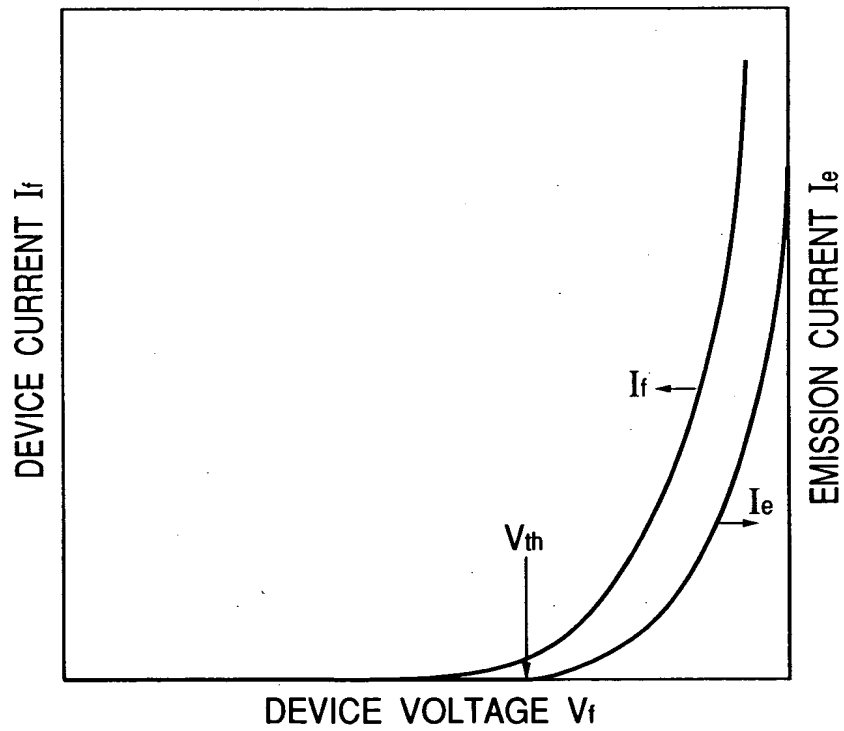


FIG. 7A

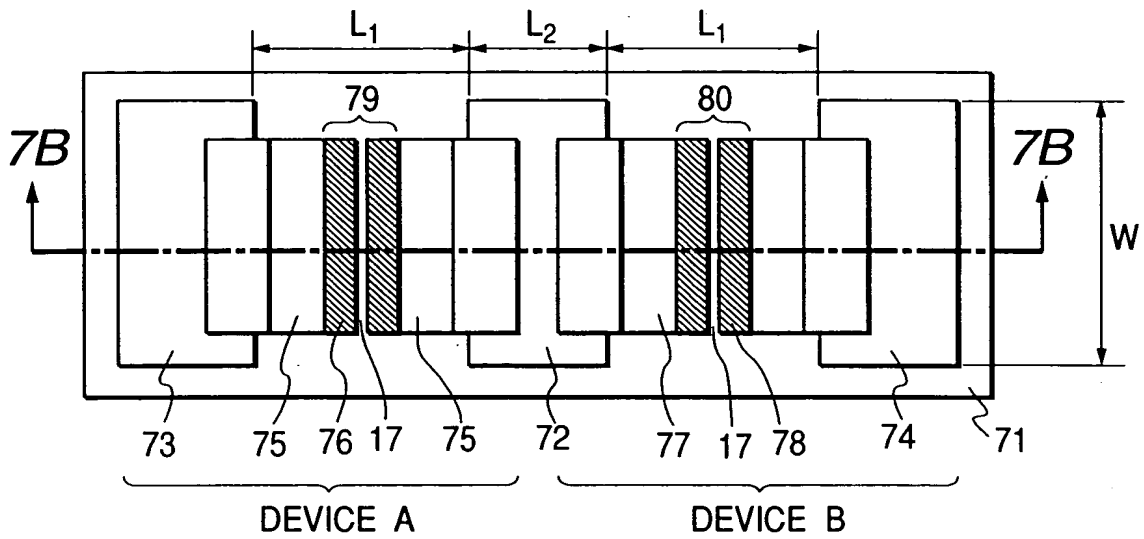


FIG. 7B

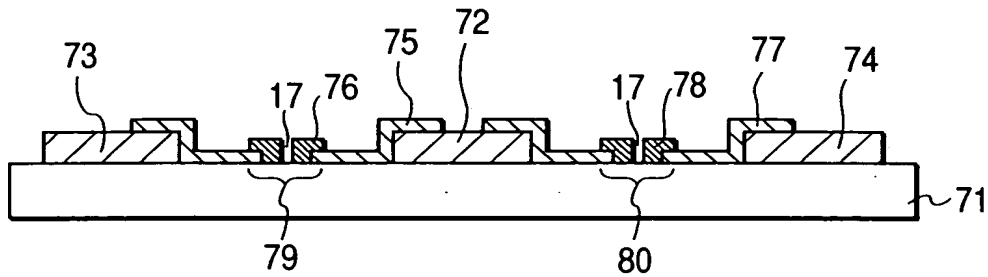


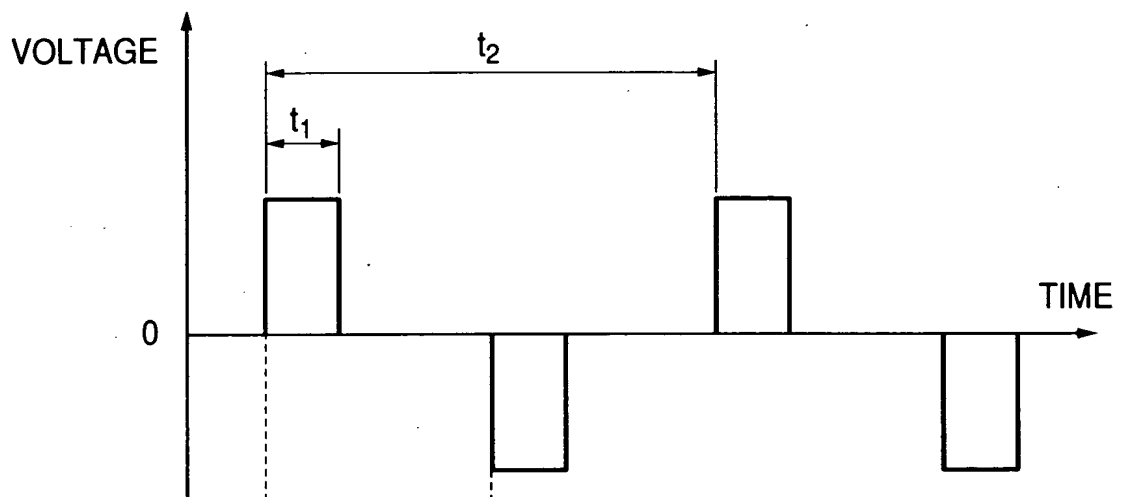
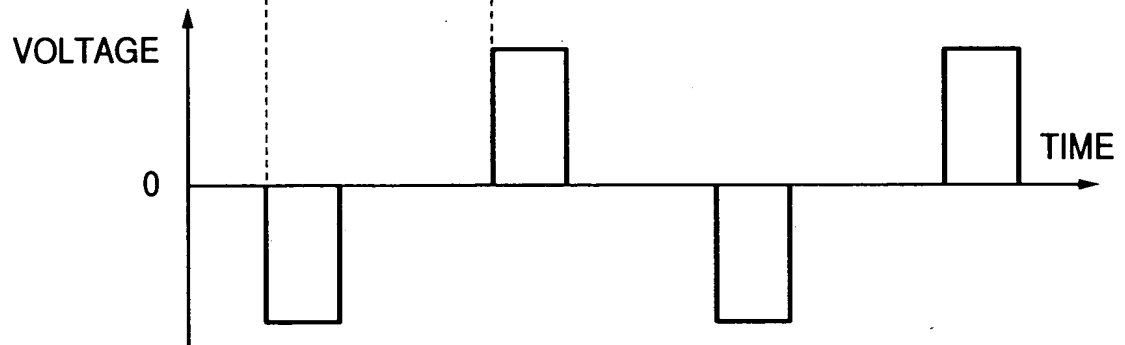
FIG. 8A**FIG. 8B**

FIG. 9A

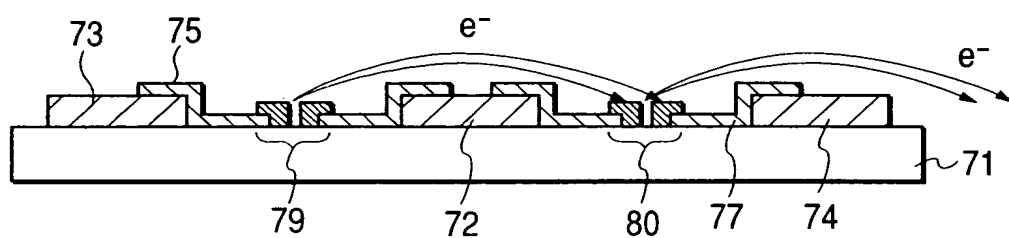


FIG. 9B

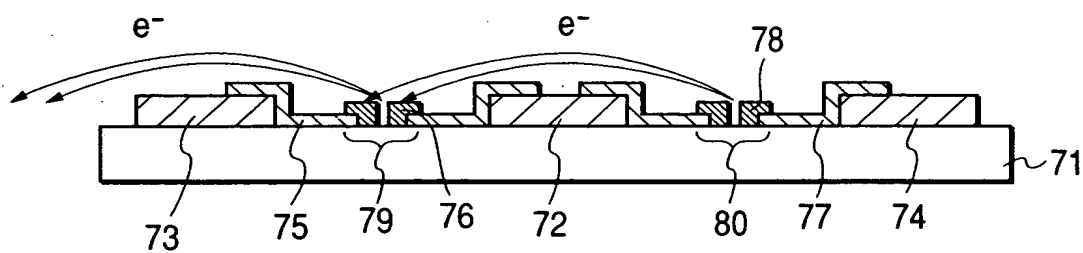


FIG. 10A

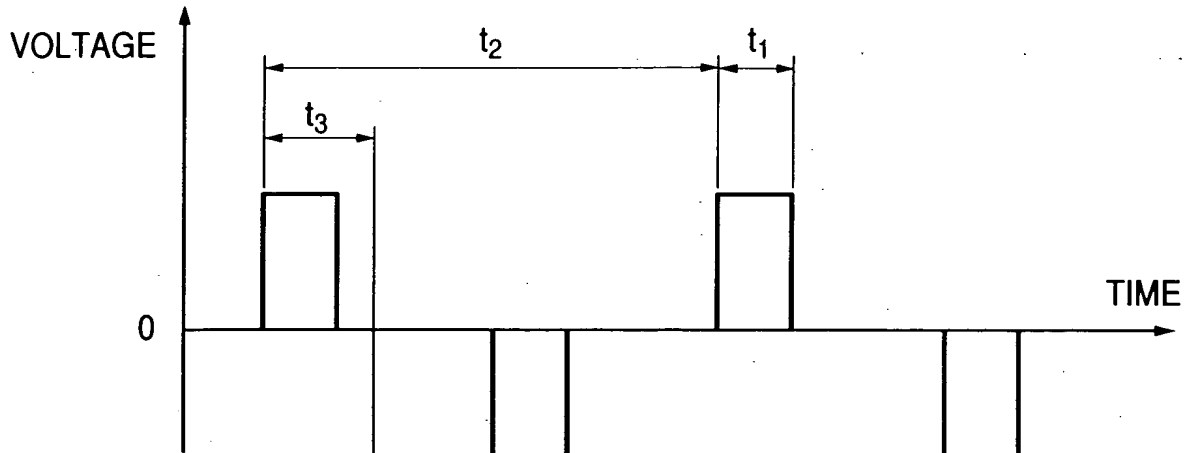


FIG. 10B

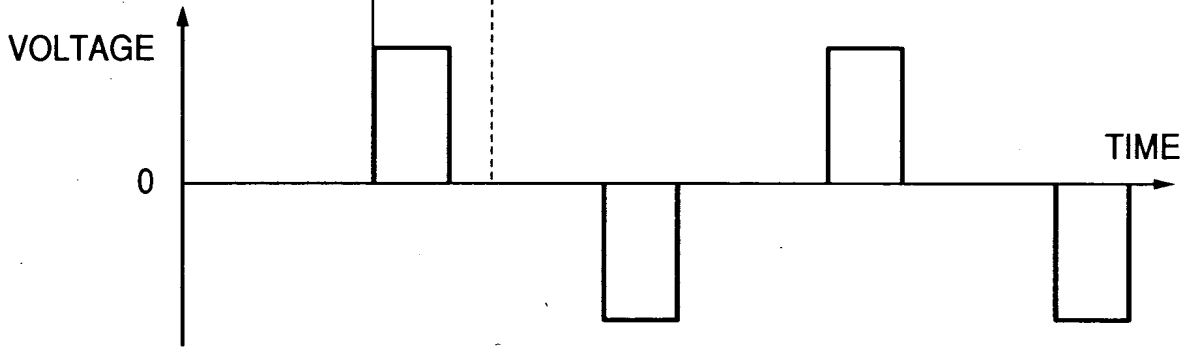


FIG. 11

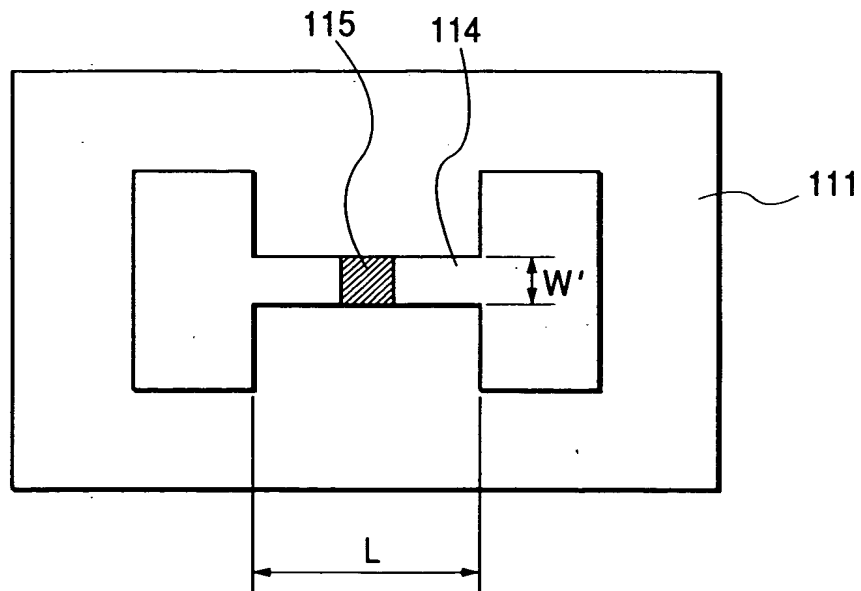


FIG. 12

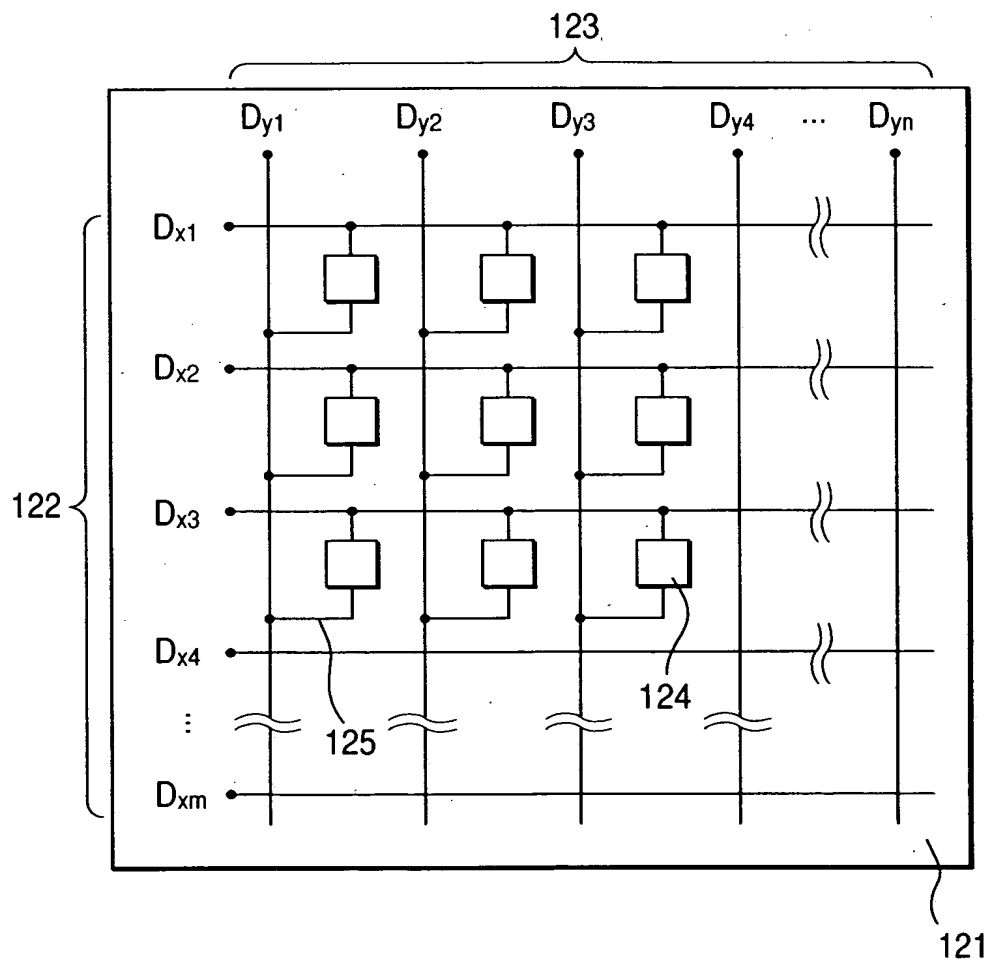
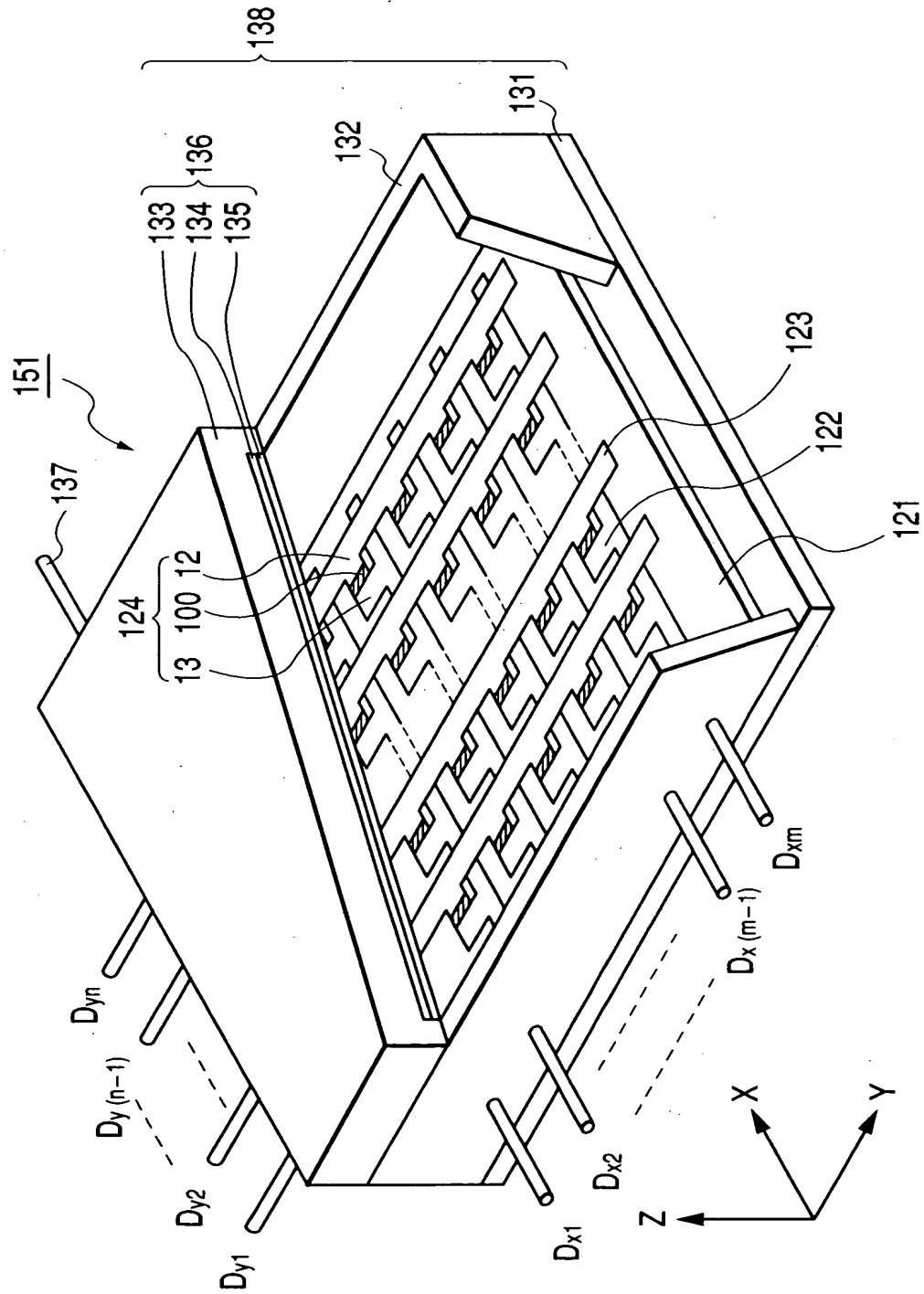


FIG. 13



A cross-sectional view of a multi-layered structure. The structure consists of a series of alternating vertical layers. The first layer on the left is filled with diagonal hatching. This is followed by a white layer, then another hatched layer, and so on. There are eight hatched layers and seven white layers shown. A label '134' with an arrow points to the top surface of the first hatched layer. A label '141' with a bracket points to the top surface of the entire stack of layers. A label '142' with a bracket points to the bottom surface of the entire stack of layers.

A cross-sectional view of a substrate 134 having a patterned layer 141 on its top surface. The patterned layer 141 consists of a series of circular openings 142 arranged in a grid pattern.

FIG. 15

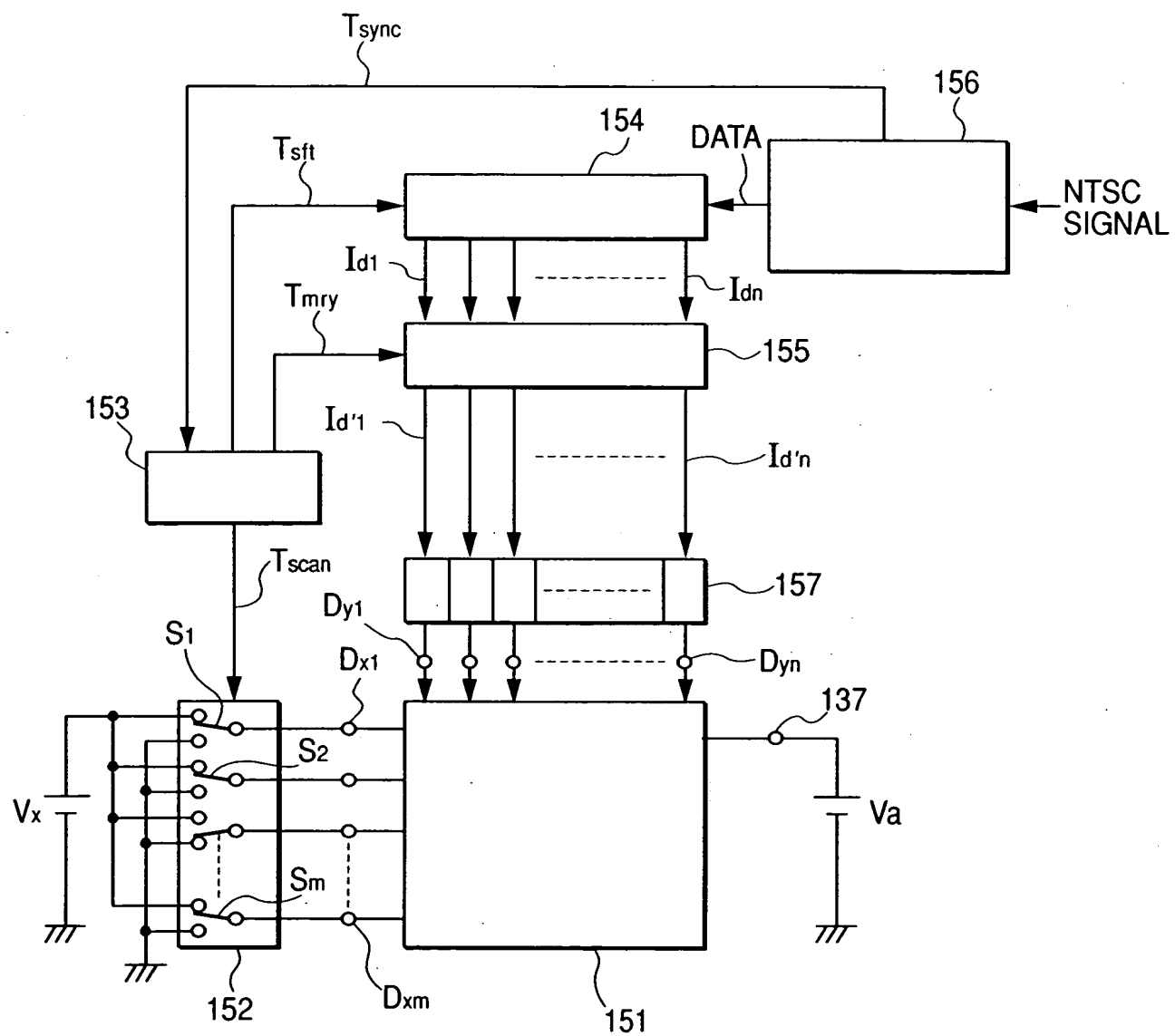


FIG. 16

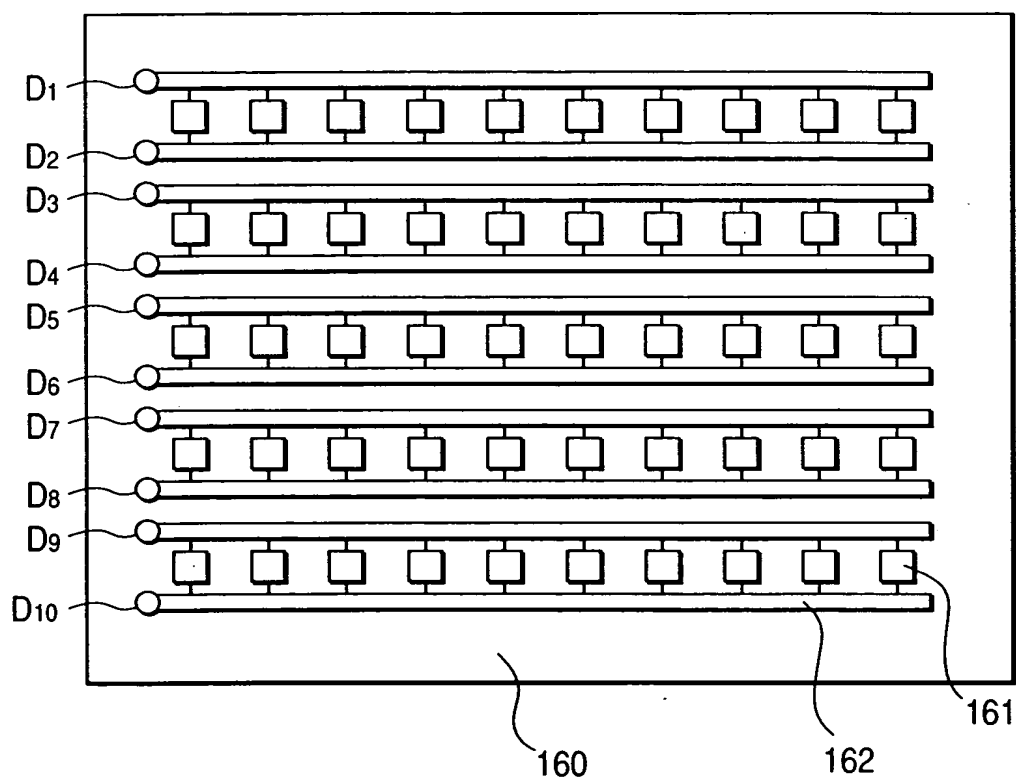


FIG. 19A

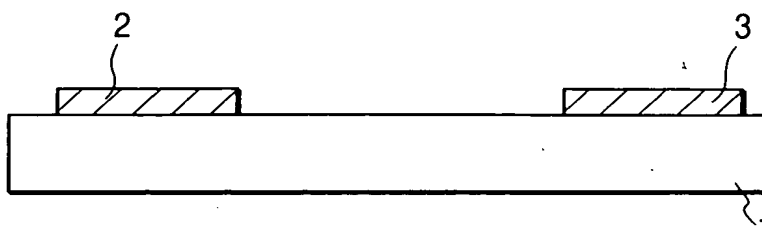


FIG. 19B

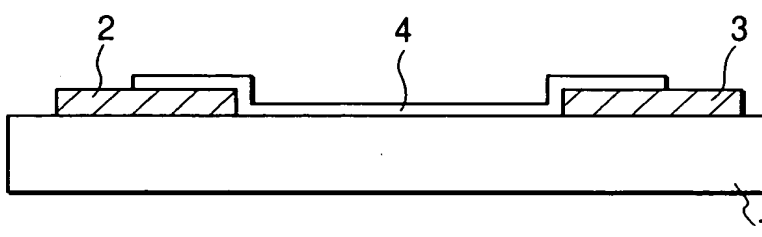


FIG. 19C

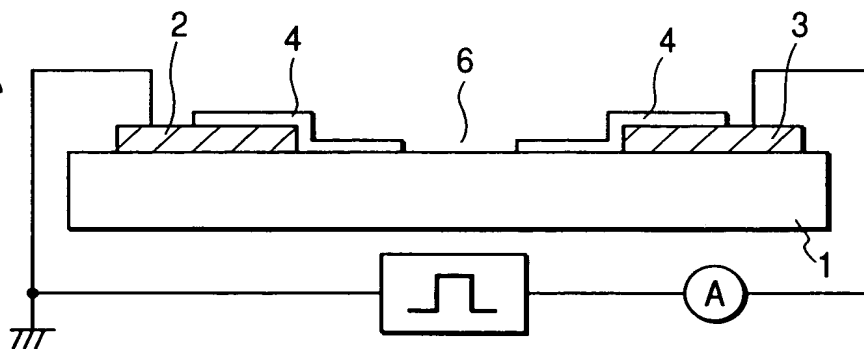
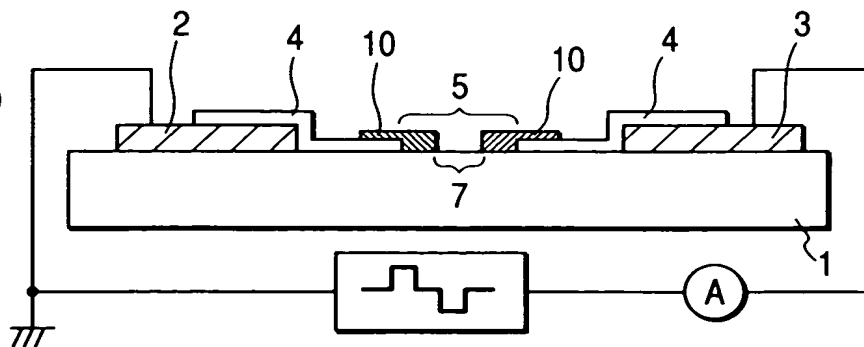


FIG. 19D



1. The first group of respondents (Group 1) consisted of 100 individuals, with 50% being male and 50% female. They were aged between 18 and 35 years, with a mean age of 25. They were all students at the University of XYZ, with 60% being undergraduates and 40% being postgraduates. They were all from the United States, with 70% being from the Northeast, 20% from the Midwest, 10% from the South, and 10% from the West. They were all of Caucasian descent, with 80% being White, 10% being Black, 5% being Hispanic, and 5% being of other races. They were all of average height and weight, with a mean height of 175 cm and a mean weight of 75 kg. They were all of average intelligence, with a mean IQ of 100. They were all of average income, with a mean annual income of \$30,000. They were all of average education, with a mean years of education of 16 years. They were all of average health, with a mean BMI of 25. They were all of average personality, with a mean score of 50 on the Big Five personality scale. They were all of average social skills, with a mean score of 50 on the Social Skills Inventory. They were all of average emotional stability, with a mean score of 50 on the Emotional Stability scale. They were all of average life satisfaction, with a mean score of 50 on the Life Satisfaction scale. They were all of average happiness, with a mean score of 50 on the Happiness scale. They were all of average life expectancy, with a mean life expectancy of 78 years. They were all of average life quality, with a mean score of 50 on the Life Quality scale. They were all of average life satisfaction, with a mean score of 50 on the Life Satisfaction scale. They were all of average happiness, with a mean score of 50 on the Happiness scale. They were all of average life expectancy, with a mean life expectancy of 78 years. They were all of average life quality, with a mean score of 50 on the Life Quality scale.

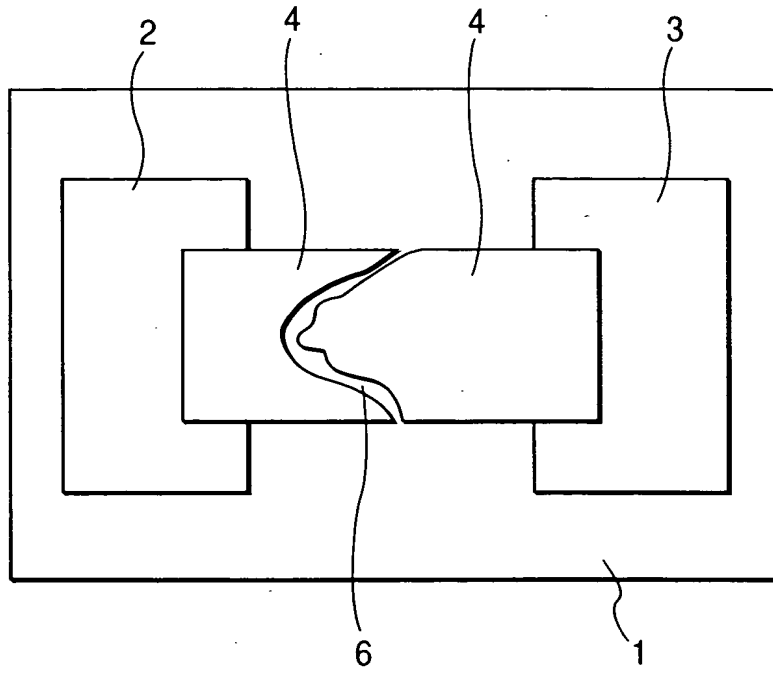


FIG. 21A

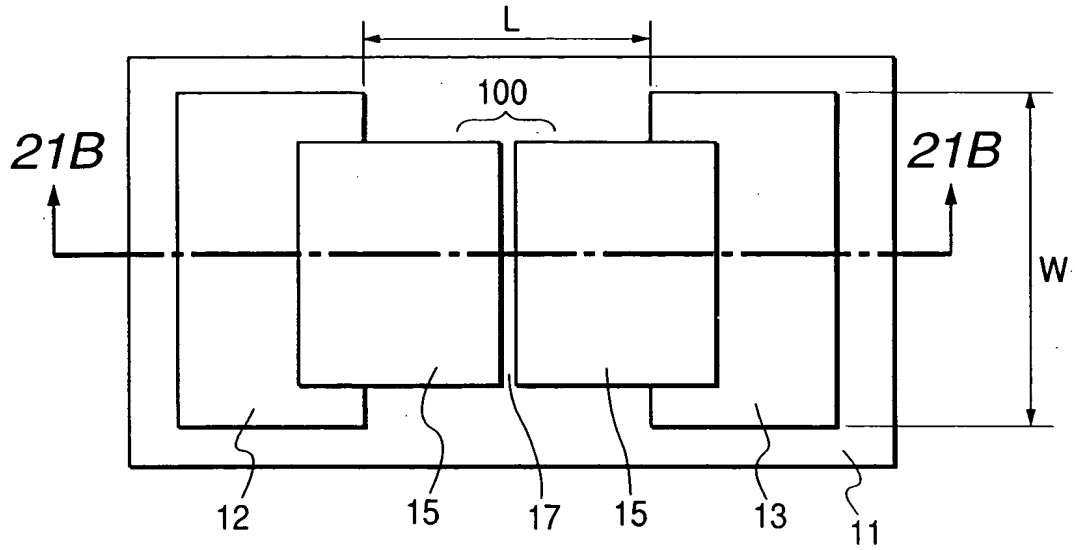


FIG. 21B

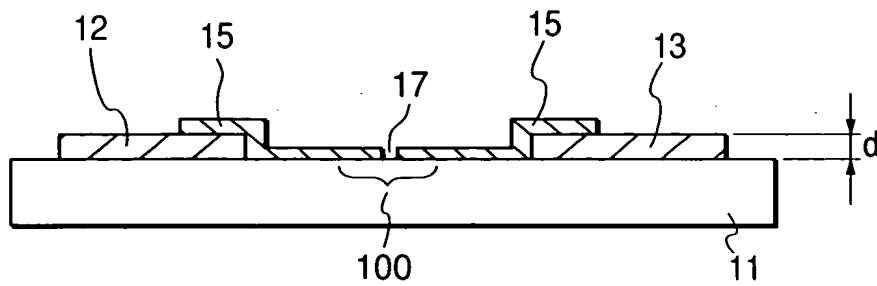


FIG. 22B

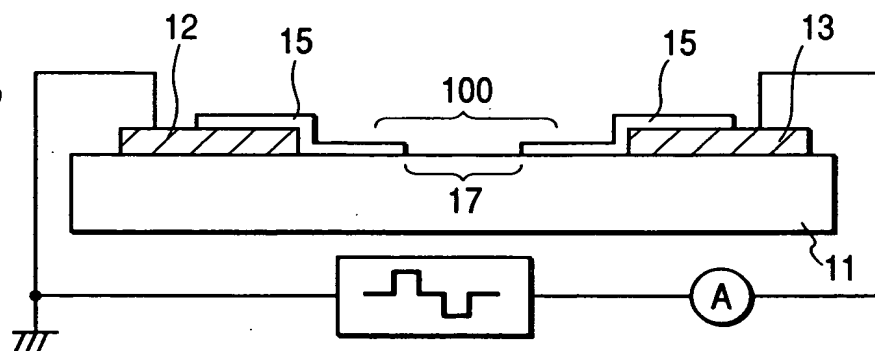
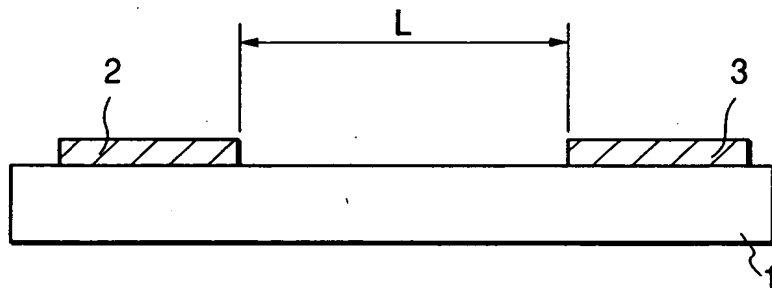


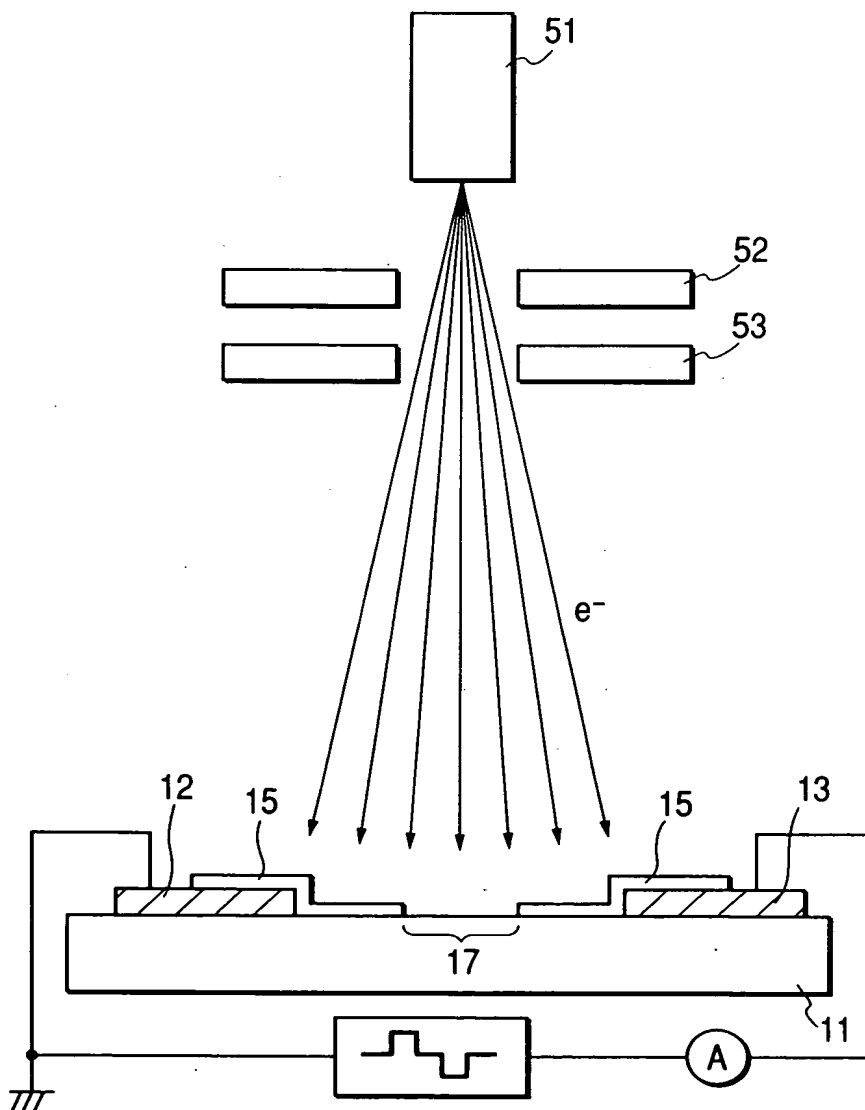
FIG. 23

FIG. 24B

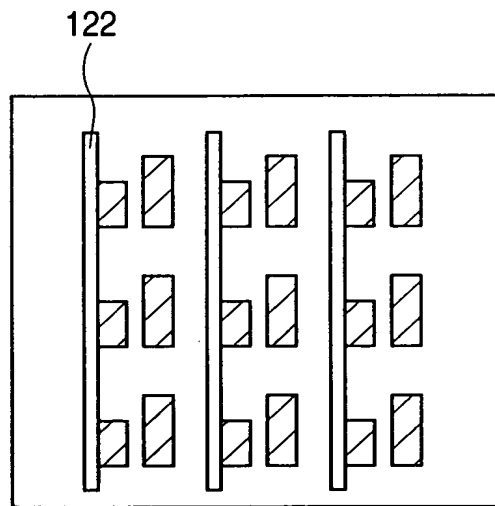


FIG. 24C

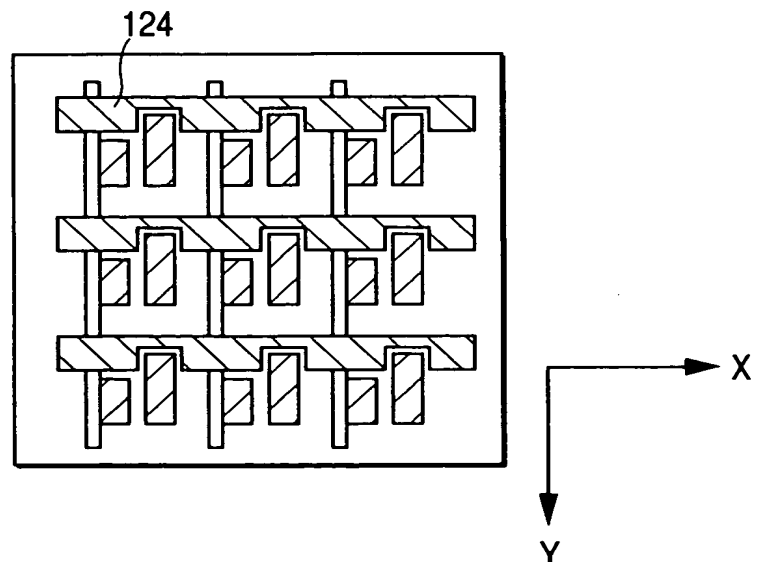


FIG. 25D

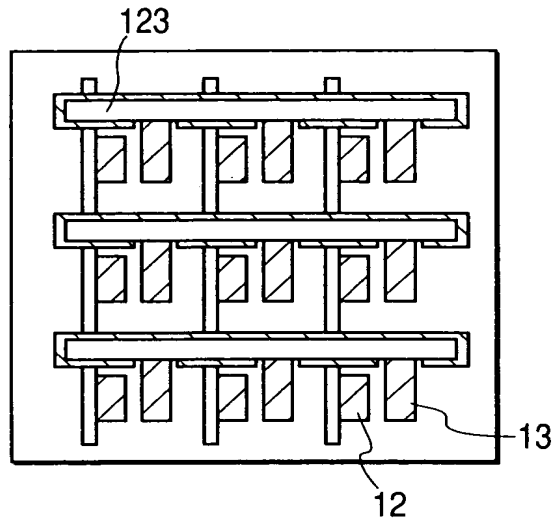


FIG. 25E

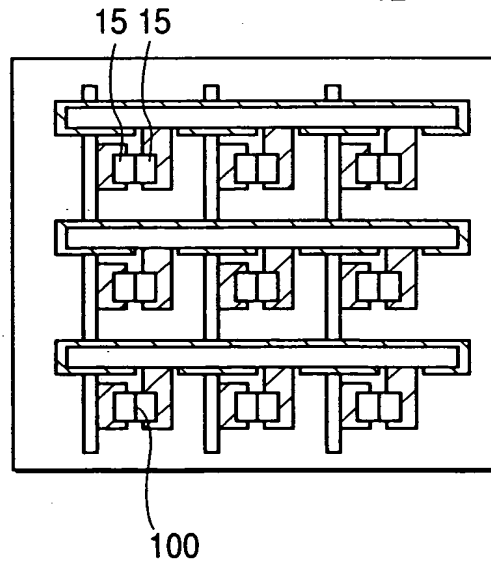


FIG. 26D

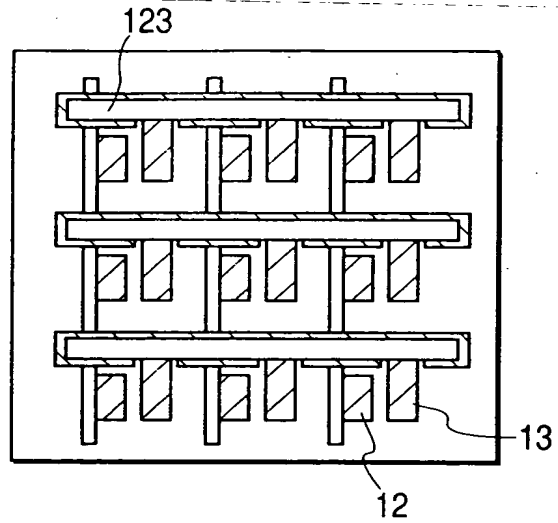


FIG. 26E

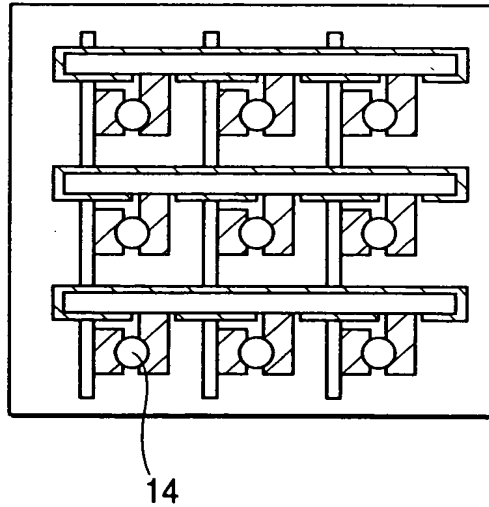


FIG. 26F

